

Patent Claims

- 1 1. A method for operating a casting and rolling plant with at least one slab
2 production line, at least one rolling mill train, and at least one slab feed device, which
3 in manufacturing terms is independent of the slab production line, comprising the step
4 of :
5 - during a pause in production of the slab production line, the slab feed device takes
6 over the supply of slabs to the rolling mill train to the maximum feasible extent in
7 accordance with logistical and/or production engineering stipulations.
- 1 2. The method as claimed in claim 1, wherein the slab feed device of the casting
2 and rolling plant receives its slabs from a further slab production line which, together
3 with the slab feed device, is responsible for supplying slabs to the rolling mill train to
4 the maximum feasible extent in accordance with logistical and/or production
5 engineering stipulations.
- 1 3. The method as claimed in claim 1, wherein the slab production line of the
2 casting and rolling plant is designed as a thin-slab production line.
- 1 4. The method as claimed in claim 2, wherein the further slab production line is
2 designed as a thick-slab production line which, together with the slab production line,
3 is responsible for supplying slabs to the rolling mill train to the maximum feasible
4 extent in accordance with logistical and/or production engineering stipulations.
- 1 5. The method as claimed in claim 1, wherein the slab feed device of the casting
2 and rolling plant receives its slabs from a slab store in which prefabricated slabs are
3 temporarily stored for manufacturing purposes.

- 1 6. A method for operating a casting and rolling plant comprising the steps of:
2 - providing at least one slab production line,
3 - providing at least one rolling mill train,
4 - providing at least one slab feed device, which in manufacturing terms is independent
5 of the slab production line, and
6 - during a pause in production of the slab production line, taking over the supply of
7 slabs to the rolling mill train by the slab feed device to the maximum feasible extent in
8 accordance with logistical and/or production engineering stipulations.
- 1 7. The method as claimed in claim 6, wherein the slab feed device of the casting
2 and rolling plant receives its slabs from a further slab production line which, together
3 with the slab feed device, is responsible for supplying slabs to the rolling mill train to
4 the maximum feasible extent in accordance with logistical and/or production
5 engineering stipulations.
- 1 8. The method as claimed in claim 6, wherein the slab production line of the
2 casting and rolling plant is designed as a thin-slab production line.
- 1 9. The method as claimed in claim 7, wherein the further slab production line is
2 designed as a thick-slab production line which, together with the slab production line,
3 is responsible for supplying slabs to the rolling mill train to the maximum feasible
4 extent in accordance with logistical and/or production engineering stipulations.
- 1 10. The method as claimed in claim 6, wherein the slab feed device of the casting
2 and rolling plant receives its slabs from a slab store in which prefabricated slabs are
3 temporarily stored for manufacturing purposes.

- 1 11. A casting and rolling plant comprising:
2 - at least one slab production line,
3 - at least one rolling mill train,
4 - at least one slab feed device, which in manufacturing terms is independent of the slab
5 production line, and wherein the slab feed device comprises means that during a pause
6 in production of the slab production line, take over the supply of slabs to the rolling
7 mill train to the maximum feasible extent in accordance with logistical and/or
8 production engineering stipulations.
- 1 12. The plant as claimed in claim 11, further comprising a further slab production
2 line, wherein the slab feed device of the casting and rolling plant receives its slabs
3 from the further slab production line which, together with the slab feed device, is
4 responsible for supplying slabs to the rolling mill train to the maximum feasible extent
5 in accordance with logistical and/or production engineering stipulations.
- 1 13. The plant as claimed in claim 11, wherein the slab production line of the
2 casting and rolling plant is designed as a thin-slab production line.
- 1 14. The plant as claimed in claim 12, wherein the further slab production line is
2 designed as a thick-slab production line which, together with the slab production line,
3 is responsible for supplying slabs to the rolling mill train to the maximum feasible
4 extent in accordance with logistical and/or production engineering stipulations.
- 1 15. The plant as claimed in claim 11, wherein the slab feed device of the casting
2 and rolling plant receives its slabs from a slab store in which prefabricated slabs are
3 temporarily stored for manufacturing purposes.